

INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

Docket: 4239-67517


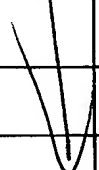
App: ~~10/731988~~

Applicant: Suresh K. Arya, Ph.D. 10/731988


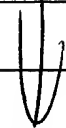
Filed: 12/9/2003 *paper date*

Art Unit: 1648


U.S. PATENT DOCUMENTS

Init.*	Number	Date	Name	Class	Sub	Filed
	5,162,215	11/10/1992	Bosselman et al.			
	5,656,465	8/12/1997	Panicali et al.			
	5,658,785	8/19/1997	Johnson			
	5,665,577	9/9/1997	Sodroski et al.			
	5,741,486	4/21/1998	Pathak et al.			
	5,747,307	5/5/1998	Lever et al.			
	5,747,324	5/5/1998	Mazzara et al.			

FOREIGN PATENT DOCUMENTS

	Number	Date	Country	Class	Sub	
	WO 95/25806	28.09.95	PCT			
	WO 96/37623	28.11.96	PCT			
	WO 97/36481	09.10.97	PCT			
	WO 98/39463	11.09.98	PCT			
	WO 98/51810	19.11.98	PCT			
	WO 99/61598	2.12.99	PCT			










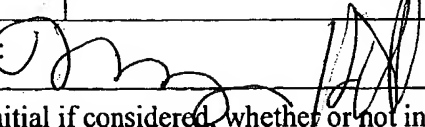
OTHER DOCUMENTS


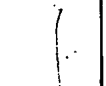


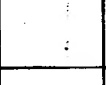


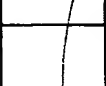


 Arya et al., "Human Immunodeficiency Virus Type 2 Lentivirus Vectors for Gene Transfer: Expression and Potential for Helper Virus-Free Packaging," *Hum. Gene Ther.* 9:1371-1380 (1998).

EXAMINER: 

DATE 12/23/94

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Docket: 4239-59316	App: <u>10731588</u>
		Applicant: Suresh K. Arya	
		Filed: Herewith	Art Unit: <u>10248</u>
OTHER DOCUMENTS			
			Blömer et al., "Highly Efficient and Sustained Gene Transfer in Adult Neurons with a Lentivirus Vector," <i>J. Virol.</i> 71:6641-6649 (1997).
			Borg et al., "Involvement of Human Immunodeficiency Virus Type-1 Splice Sites in the Cytoplasmic Accumulation of Viral RNA," <i>Virol.</i> 236:95-103 (1997).
			Buchschacher, et al., "Development of Lentiviral Vectors for Gene Therapy for Human Diseases," <i>Blood</i> 8:2499-2504 (2000).
			Clavel et al., "Molecular Cloning and Polymorphism of the Human Immune Deficiency Virus Type 2," <i>Nature</i> 324:691-695 (1986).
			Corbeau et al., "Efficient Gene Transfer by a Human Immunodeficiency Virus Type 1 (HIV-1)-Derived Vector Utilizing a Stable HIV Packaging Cell Line," <i>Proc. Natl. Acad. Sci. USA</i> 93:14070-14075 (1996).
			Corbeau et al., "Transduction of Human Macrophages Using a Stable HIV-1/HIV-2-Derived Gene Delivery System," <i>Gene Ther.</i> 5:99-104 (1998).
			Dillon et al., "Function of the Human Immunodeficiency Virus Types 1 and 2 Rev Proteins is Dependent on Their Ability to Interact with a Structured Region Present in <i>env</i> Gene mRNA," <i>J. Virol.</i> 64:4428-4437 (1990).
			Garzino-Demo et al., "Human Immunodeficiency Virus Type 2 (HIV-2): Packaging Signal and Associated Negative Regulatory Element," <i>Hum. Gene Ther.</i> 6:177-184 (1995).
			Kafri et al., "Sustained Expression of Genes Delivered Directly into Liver and Muscle by Lentiviral Vectors," <i>Nature Gen.</i> 17:314-317 (1997).
EXAMINER: 		DATE <u>12/03/03</u>	
*Examiner: Initial if considered, whether or not in conformance with MPEP 609, draw line through cite if not in conformance and not considered. Send copy.			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Docket: 4239-59316	App: <u>10731988</u>
		Applicant: Suresh K. Arya	
		Filed: Herewith	Art Unit: <u>1648</u>
OTHER DOCUMENTS			
			Kaye et al., "Human Immunodeficiency Virus Types 1 and 2 Differ in the Predominant Mechanism Used for Selection of Genomic RNA for Encapsidation," <i>J. Virol.</i> 73:3023-3031 (1999).
			Kumar et al., "Molecular Characterization of an Attenuated Human Immunodeficiency Virus Type 2 Isolate," <i>J. Virol.</i> 64:890-901 (1990).
			McBride et al., "The Human Immunodeficiency Virus Type 1 Encapsidation Site is a Multipartite RNA Element Composed of Functional Hairpin Structures," <i>J. Virol.</i> 70:2963-2973 (1996).
			McBride et al., "Efficient Encapsidation of Human Immunodeficiency Virus Type 1 Vectors and Further Characterization of <i>cis</i> Elements Required for Encapsidation," <i>J. Virol.</i> 71:4544-4554 (1997).
			McCann et al., "Location of <i>cis</i> -Acting Signals Important for RNA Encapsidation in the Leader Sequence of Human Immunodeficiency Virus Type 2," <i>J. Virol.</i> 71:4133-4137 (1997).
			Naldini et al., "In Vivo Gene Delivery and Stable Transduction of Nondividing Cells by a Lentiviral Vector," <i>Science</i> 272:263-267 (1996).
			Parolin et al., "Use of <i>cis</i> - and <i>trans</i> -Acting Viral Regulatory Sequences to Improve Expression of Human Immunodeficiency Virus Vectors in Human Lymphocytes," <i>Virol.</i> 222:415-422 (1996).
			Poeschla et al., "Identification of a Human Immunodeficiency Virus Type 2 (HIV-2) Encapsidation Determinant and Transduction of Nondividing Human Cells by HIV-2-Based Lentivirus Vectors," <i>J. Virol.</i> 72:6527-6536 (1998).
			Poznansky et al., "Gene Transfer into Human Lymphocytes by a Defective Human Immunodeficiency Virus Type 1 Vector," <i>J. Virol.</i> 65:532-536 (1991).
EXAMINER: 	DATE: <u>12/15/04</u>		
*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Docket: 4239-59316		App: <u>107 31 988</u>	
		Applicant: Suresh K. Arya			
		Filed: Herewith		Art Unit: <u>161/8</u>	
OTHER DOCUMENTS					
W			Sadaie et al., "Towards Developing HIV-2 Lentivirus-Based Retroviral Vectors for Gene Therapy: Dual Gene Expression in the Context of HIV-2 LTR and Tat," <i>J. Med. Virol.</i> 54:118-128 (1998).		
			Zufferey et al., "Multiply Attenuated Lentiviral Vector Achieves Efficient Gene Delivery In Vivo," <i>Nature Biotech.</i> 15:871-875 (1997).		
			Genbank Accession No.: M15390.		
			Genbank Accession No.: NM_002985		
U			Genbank Accession No.: AF105229		
EXAMINER: <u>[Signature]</u>		DATE <u>12/03/01</u>			
*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.					